



**Supplementary Figure 1:** Psychometric functions showing examples where the isopter midpoint found using two-way MoL coincided with the eccentricity test range for 2IFC testing (A, B). However, in some subjects, the isopter range lay within the region with high proportion seen (1.0), highlighting SKD found using conventional perimetry techniques (C). For these subjects, the test eccentricity range was adjusted to test greater eccentricities to obtain the psychometric function floor (approximately 0.5 proportion seen) (D).